

Message

From: Singer, Joshua [Singer.Joshua@epa.gov]
Sent: 7/16/2018 6:25:48 PM
To: Holst, Linda [holst.linda@epa.gov]; Kuefler, Patrick [kuefler.patrick@epa.gov]; Baltazar, Debbie [baltazar.debbie@epa.gov]; Shoven, Heather [shoven.heather@epa.gov]; Maraldo, Dean [Maraldo.Dean@epa.gov]
Subject: Fwd: Check-in on two items

Below is the web text. If there is a problem, please let me know as soon as possible. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Kelley, Jeff" <kelley.jeff@epa.gov>
Date: July 16, 2018 at 1:09:00 PM CDT
To: "Singer, Joshua" <Singer.Joshua@epa.gov>
Cc: "Pina, Yvette" <pina.yvette@epa.gov>, "Rowan, Anne" <rowan.anne@epa.gov>
Subject: RE: Check-in on two items

How about this? I mashed up your statement with the background info that Dean sent:

Update – July 2018

EPA has released the results of groundwater testing conducted in Juneau County, Wis. EPA's tests – and others conducted by the county health department -- found elevated levels of nitrates. Region 5 continues to work with Wisconsin Department of Natural Resources to evaluate the results and determine appropriate next steps. Both agencies will attend a county-sponsored public meeting on Tuesday, July 17.

Background

On April 30 through May 3, 2018, EPA sampled groundwater west of Petenwell Lake in northeast Juneau County after receiving complaints and information from citizens in the area regarding private drinking-water well contamination.

EPA collected groundwater samples at 41 temporary boring locations and 5 private drinking water wells. The samples were analyzed for:

- <!--[if !supportLists]--><!--[endif]-->nutrients
- <!--[if !supportLists]--><!--[endif]-->anions
- <!--[if !supportLists]--><!--[endif]-->total metals
- <!--[if !supportLists]--><!--[endif]-->nitrate isotopes

Note that not all samples were analyzed for all parameters.

EPA used temporary or "point-in-time" groundwater sampling techniques with the goal of characterizing the nature and extent of pollutants in groundwater. This information can be used to identify potential sources of groundwater pollutants and potential impacts to drinking water sources.

The borings were located in a grid network designed to characterize groundwater conditions upgradient and downgradient of potential sources of well contamination. Samples were collected at two depths to better characterize the extent of potential nitrate contamination in the aquifer.

EPA continues to evaluate data collected during the April 30 to May 3, 2018, sampling event. EPA will coordinate further with Wisconsin DNR to determine the appropriate next steps to protect public health.

Jeff Kelley

Director, Office of External Communications

U.S. EPA Region 5

ph: 312-353-1159

From: Singer, Joshua

Sent: Monday, July 16, 2018 1:08 PM

To: Kelley, Jeff <kelley.jeff@epa.gov>

Cc: Pina, Yvette <pina.yvette@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>

Subject: Re: Check-in on two items

Yes, will do. Yvette-I will send you the desk statement. I am just running it by Water Division now. I think we should leave in most of the text that's already on the website, though, to provide people with more info if they want it. Thanks.

Sent from my iPhone

On Jul 16, 2018, at 12:58 PM, Kelley, Jeff <kelley.jeff@epa.gov> wrote:

Josh, could you work with Yvette on the website update? As much as possible, I think we should reuse language from the statement you drafted on Thursday

Jeff Kelley

Director, Office of External Communications

U.S. EPA Region 5

ph: 312-353-1159

From: Maraldo, Dean

Sent: Monday, July 16, 2018 12:56 PM

To: Pina, Yvette <pina.yvette@epa.gov>

Cc: Kelley, Jeff <kelley.jeff@epa.gov>

Subject: RE: Check-in on two items

Yvette: I understand you are available to help with the Juneau County website. If you could please replace the Background Section of the Juneau County Groundwater Screening Investigation website with the attached language that would be great. We are planning to make the website live this afternoon and will let you know once we get the ok to make it live.

Thanks,
Dean

=====

Dean Maraldo
Water Enforcement & Compliance Assurance Branch
U.S. EPA - Region 5
77 West Jackson Blvd. (WC-15J)
Chicago, Illinois 60604
ph: (312) 353-2098
fax: (312) 385-5394
e-mail: maraldo.dean@epa.gov
<http://www.epa.gov/enforcement/>

From: Kelley, Jeff
Sent: Monday, July 16, 2018 12:48 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>
Cc: Maraldo, Dean <Maraldo.Dean@epa.gov>; Holst, Linda <holst.linda@epa.gov>;
Burdett, Cheryl <burdett.cheryl@epa.gov>; Mikalian, Charles
<mikalian.charles@epa.gov>; Pina, Yvette <pina.yvette@epa.gov>; Singer, Joshua
<Singer.Joshua@epa.gov>
Subject: RE: Check-in on two items

Yes, Yvette Pina is here and prepared to help. She normally only works until 4, so I'm hoping that after our call this afternoon we can provide her with edits/updates fairly quickly.

Jeff Kelley
Director, Office of External Communications
U.S. EPA Region 5
ph: 312-353-1159

From: Kuefler, Patrick
Sent: Monday, July 16, 2018 12:46 PM
To: Kelley, Jeff <kelley.jeff@epa.gov>
Cc: Maraldo, Dean <Maraldo.Dean@epa.gov>; Holst, Linda <holst.linda@epa.gov>;
Burdett, Cheryl <burdett.cheryl@epa.gov>; Mikalian, Charles
<mikalian.charles@epa.gov>
Subject: FW: Check-in on two items

Jeff – We need to update the Juneau County Groundwater Investigation website today. It looks like Jennifer and Karen are out? Is there someone who can help us today?

From: Maraldo, Dean
Sent: Monday, July 16, 2018 12:31 PM

To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Kuefler, Patrick <kuefler.patrick@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>; Reshkin, Karen <Reshkin.Karen@epa.gov>
Subject: RE: Check-in on two items

Jennifer: If you could please replace the Background Section of the Juneau County Groundwater Screening Investigation website with the attached language that would be great. We are planning to make the website live this afternoon and will let you know once we get the ok to make it live.

Thanks,
Dean

From: Ostermeier, Jennifer
Sent: Friday, July 06, 2018 4:58 PM
To: Bahr, Ryan <bahr.ryan@epa.gov>; Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>
Cc: Klassman, Debra <klassman.debra@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Maraldo, Dean <Maraldo.Dean@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: Check-in on two items

I was able to post the pdfs...finally. Have a good weekend.

From: Bahr, Ryan
Sent: Friday, July 06, 2018 3:37 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>
Cc: Klassman, Debra <klassman.debra@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Maraldo, Dean <Maraldo.Dean@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: Check-in on two items

Jennifer,
Could you upload this attachment to replace the maps on the website. If possible, please let us know when it is up.

Thank you.

Linda, et. al,
Dean also revised the key on the maps for test strip results. The values for "20" and "50" should have been absolute values. He changed the key on those two maps to reference simply "20" and "50".

From: Holst, Linda
Sent: Friday, July 06, 2018 2:43 PM
To: Bahr, Ryan <bahr.ryan@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>;

Kuefler, Patrick <kuefler.patrick@epa.gov>

Subject: RE: Check-in on two items

Ok.

From: Bahr, Ryan

Sent: Friday, July 06, 2018 2:40 PM

To: Holst, Linda <holst.linda@epa.gov>

Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>

Subject: RE: Check-in on two items

Good catch. We are working on it.

From: Holst, Linda

Sent: Friday, July 06, 2018 2:35 PM

To: Bahr, Ryan <bahr.ryan@epa.gov>

Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>

Subject: RE: Check-in on two items

On the last two maps, shouldn't the red dots be ">20" and not ≤20? Otherwise, it looks fine to me.

<image001.jpg>

From: Bahr, Ryan

Sent: Friday, July 06, 2018 1:17 PM

To: Holst, Linda <holst.linda@epa.gov>

Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>

Subject: RE: Check-in on two items

Linda,

Pat and I have reviewed the website and attachments and it is ready for your review and has the documents attached to be shared with Wisconsin DNR.

As we discussed earlier, regarding University of Nebraska Lab (UNL) data, we included one summary Excel spreadsheet (nitrate-nitrogen results) and related mapping but have not yet included information on the N15 isotope analysis as what we received was not labeled adequately so the reader can understand the numbers. We expect finalization of 2 summary pdf reports from UNL on Monday(1 for the nitrate-nitrogen results and 1 for the N 15 isotope)*. We will add those Monday afternoon or Tuesday morning once they are received.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

* Note that additional UNL QA data and lab sample worksheets will be forthcoming later in July and will be shared with the state and posted at that time.

From: Holst, Linda
Sent: Thursday, July 05, 2018 4:30 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>
Subject: RE: Check-in on two items

So in your opinion, is this ready to be shared with WDNR? I'm waiting for all changes to be done before I look at it.

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 4:02 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

thanks

From: Ostermeier, Jennifer
Sent: Thursday, July 05, 2018 3:55 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

I've made these changes. I can't change the "EPA in Wisconsin" title. This is where we have built the page. I changed the metadata for the PDF as well.

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 3:42 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

Some suggested edits to front page.

EPA in Wisconsin

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- <!--[if !supportLists]--><!--[endif]-->
- <!--[if !supportLists]--><!--[endif]-->
- <!--[if !supportLists]--><!--[endif]-->

Juneau County Groundwater Screening Investigation

Background

<image002.png>Map showing the 41 temporary boring locations for groundwater sampling in northeast Juneau County, Wisc. For full-sized map, open the PDF of maps below.

On April 30 through May 3, 2018, EPA sampled groundwater west of Petenwell Lake in northeast Juneau County, Wisconsin, after receiving complaints of private drinking water well contamination.

EPA collected groundwater samples at 41 temporary boring locations. The samples were analyzed for:

- nutrients
- anions
- total metals
- nitrate isotopes

EPA used temporary or “point-in-time” groundwater sampling techniques with the goal of characterizing pollutants in groundwater ~~plume boundaries, hot spots or pathways~~. This information can be used to identify potential sources of groundwater pollutants~~ion~~, and potential impacts to drinking water sources: ~~private wells, and determine the optimal placement of new conventional monitoring wells for long-term trend monitoring.~~

EPA will analyze the results and coordinate further with Wisconsin Department of Natural Resources to determine appropriate next steps.

Documents

EPA Temporary Boring Groundwater Sampling Data

[EPA Laboratory and Field Screening Data for Juneau County Groundwater](#)(21 pp, 6 MB, June 28, 2018)

EPA Data Summary Figures follow:

You may need a PDF reader to view some of the files on this page. See EPA’s [About PDF page](#) to learn more.

- Juneau County Groundwater Screening Investigation Maps (PDF)(5 pp, 956 K, June 28, 2018)

~~Direct Push~~ Temporary boring Sample Locations, Deep and Shallow Results

From: Ostermeier, Jennifer
Sent: Thursday, July 05, 2018 1:53 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

Pat:

I updated the zip file. To view the page follow these directions.:

Ex. 5 Deliberative Process (DP)

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 12:58 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: FW: Check-in on two items

Jennifer – Will we have the revised website today for the Juneau County data? I sent an updated attachment earlier today.

From: Holst, Linda
Sent: Thursday, July 05, 2018 12:42 PM
To: Payne, James <payne.james@epa.gov>
Cc: Pierard, Kevin <pierard.kevin@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>
Subject: Check-in on two items

Hi, Jim. I spoke with Jim Zellmer this morning on two items:

Ex. 5 Deliberative Process (DP)

2. Regarding the **Juneau County Public Meeting**, WI is likely to send a WI Department of Health toxicologist, someone from WDNR's CAFO program, and Bruce Rheineck (Section Chief, WDNR's Ground Water Section). I said we haven't yet identified who would attend. I also said that we should have the link to the website to him today so they can see the data. We're doing QA checks on it again before we give them access. He also sent me a list of dates/times to talk through the data and to see if we agree on what we think it means. I shared those dates/times with you, WECAB (Kuefler) and ORC (Klassman). Do you have a preference on who you want to attend the discussion with WDNR?

If you have any questions/concerns, please let me know.

Linda

Linda Holst | Acting Director, Water Division| U.S. EPA Region 5, 77 West Jackson Blvd., W-15J, Chicago, IL 60604 | Ph. (312) 886-6758 | holst.linda@epa.gov

<Juneau County Groundwater Investigation Website Draft_revised.docx>